

### **In the Claims:**

For the Examiner's convenience, all pending claims are presented below with changes shown in accordance with the mandatory format. Please withdraw claims 16-39.

- 1    1.    (Original)    A network comprising:  
2            a server computer; and  
3            a client computer, wherein the client computer accesses an authentication stack  
4    during a power on self-test (POST) that enables authentication of the remote server.
- 1    2.    (Original)    The network of claim 1 wherein the authentication stack  
2    comprises:  
3            a control layer;  
4            an interface layer;  
5            a support layer; and  
6            a hardware layer.
- 1    3.    (Original)    The network of claim 2 wherein the control layer comprises:  
2            a user authentication (UA) control applet; and  
3            an application program interface (API) interface layer.
- 1    4.    (Original)    The network of claim 3 wherein the control applet finds, interprets  
2    and enforces a platform security policy that defines how to handle security related events.
- 1    5.    (Original)    The network of claim 4 wherein the security related event is  
2    remote local area network (LAN) wakeup event.
- 1    6.    (Original)    The network of claim 4 wherein the security related event is  
2    resume from suspend event.
- 1    7.    (Original)    The network of claim 4 wherein the security related event is an AT

2 attachment 3 (ATA-3) event.

1 8. (Original) The network of claim 2 wherein the interface layer comprises:  
2 a UA API; and  
3 a storage API.

1 9. (Original) The network of claim 8 wherein the UA API defines high-level  
2 function calls for user authentication.

1 10. (Original) The network of claim 2 wherein the support layer comprises:  
2 an authentication support component; and  
3 a storage component.

1 11. (Original) The network of claim 10 wherein the support layer is developed by  
2 a service provider.

1 12. (Original) The network of claim 11 wherein the support layer translates API  
2 calls received from the interface layer into proprietary calls of the service provider.

1 13. (Original) The network of claim 10 wherein the support layer receives API  
2 function calls from the control applet and returns the appropriate information.

1 14. (Original) The network of claim 10 wherein the storage component comprises  
2 a storage plug-in.

1 15. (Original) The network of claim 10 wherein the authentication support  
2 component comprises:

3 fingerprint plug-in;  
4 a smart card plug-in;  
5 a universal serial bus (USB) token plug-in; and  
6 a remote boot plug-in.

1 16. (Withdrawn) A method comprising:  
2 commencing a power on self-test a computer system;  
3 authenticating a boot server by receiving a request from the boot server to access  
4 an authentication stack at the computer system; and  
5 downloading boot code from the boot server at the computer system.

1 17. (Withdrawn) The method of claim 16 further comprising:  
2 authenticating the boot code; and  
3 executing the boot code at the computer system.

1 18. (Withdrawn) The method of claim 17 further comprising passing control of the  
2 computer system to a local operating system.

1 19. (Withdrawn) A method comprising:  
2 receiving a request at a boot server from a computer system to download boot  
3 code to the computer system;  
4 accessing an authentication stack at the computer system; and  
5 authenticating the boot server at a service provider server.

1 20. (Withdrawn) The method of claim 19 wherein authenticating the boot server at a  
2 service provider server comprises accessing a remote plug-in at the service provider  
3 server.

1 21. (Withdrawn) The method of claim 19 further comprising downloading the boot  
2 code to the computer system.

1 22. (Withdrawn) A method comprising:  
2 awakening at a computer system;  
3 authenticating a management server by receiving a request from the management

4 server to access an authentication stack at the computer system; and  
5 downloading boot code from the boot server at the computer system.

1 23. (Withdrawn) The method of claim 22 further comprising:  
2 receiving wake-up packets at the computer system from the management server  
3 prior to the computer system being awakened; and

1 24. (Withdrawn) The method of claim 22 further comprising:  
2 receiving management services at the computer system from the management  
3 server; and  
4 passing control of the computer system to a local operating system.

1 25. (Withdrawn) A method comprising:  
2 transmitting wake up packets to a computer system from a management server;  
3 receiving an authentication response at the management server from the computer  
4 system;  
5 accessing an authentication stack at the computer system; and  
6 authenticating the management server at a service provider server.

1 26. (Withdrawn) The method of claim 25 wherein authenticating the management  
2 server at a service provider server comprises accessing a remote plug-in at the service  
3 provider server.

1 27. (Withdrawn) The method of 25 further comprising executing management  
2 services at the computer system.

1 28. (Withdrawn) An article of manufacture including one or more computer  
2 readable media that embody a program of instructions, wherein the program of  
3 instructions, when executed by a processing unit, causes the processing unit to:  
4 commence a power on self-test a computer system;

5           authenticate a boot server by receiving a request from the boot server to access an  
6   authentication stack at the computer system; and  
7           download boot code from the boot server at the computer system.

1   29.   (Withdrawn) The article of manufacture of claim 28 wherein the program of  
2   instructions, when executed by a processing unit, further causes the processing unit to:  
3           authenticate the boot code; and  
4           execute the boot code at the computer system.

1   30.   (Withdrawn) The article of manufacture of claim 28 wherein the program of  
2   instructions, when executed by a processing unit, further causes the processing unit to  
3   pass control of the computer system to a local operating system.

1   31.   (Withdrawn) An article of manufacture including one or more computer  
2   readable media that embody a program of instructions, wherein the program of  
3   instructions, when executed by a processing unit, causes the processing unit to:  
4           receive a request at a boot server from a computer system to download boot code  
5   to the computer system;  
6           access an authentication stack at the computer system; and  
7           authenticate the boot server at a service provider server.

1   32.   (Withdrawn) The article of manufacture of claim 31 wherein causing the  
2   processing unit to authenticate the boot server at a service provider server further causes  
3   the processing unit to access a remote plug-in at the service provider server.

1   33.   (Withdrawn) The article of manufacture of claim 31 wherein the program of  
2   instructions, when executed by a processing unit, further causes the processing unit to  
3   download the boot code to the computer system.

1   34.   (Withdrawn) An article of manufacture including one or more computer

2 readable media that embody a program of instructions, wherein the program of  
3 instructions, when executed by a processing unit, causes the processing unit to:  
4       awaken a computer system;  
5       authenticate a management server by receiving a request from the management  
6 server to access an authentication stack at the computer system; and  
7       download boot code from the boot server at the computer system.

1 35. (Withdrawn) The article of manufacture of claim 34 wherein causing the  
2 processing unit to authenticate the boot server at a service provider server further causes  
3 the processing unit to receive wake-up packets at the computer system from the  
4 management server prior to the computer system being awakened.

1 36. (Withdrawn) The article of manufacture of claim 34 wherein causing the  
2 processing unit to authenticate the boot server at a service provider server further causes  
3 the processing unit to:  
4       receive management services at the computer system from the management  
5 server; and  
6       pass control of the computer system to a local operating system.

1 37. (Withdrawn) An article of manufacture including one or more computer  
2 readable media that embody a program of instructions, wherein the program of  
3 instructions, when executed by a processing unit, causes the processing unit to:  
4       transmit wake up packets to a computer system from a management server;  
5       receive an authentication response at the management server from the computer  
6 system;  
7       access an authentication stack at the computer system; and  
8       authenticate the management server at a service provider server.

1 38. (Withdrawn) The article of manufacture of claim 37 wherein causing the

2 processing unit to authenticate the management server at a service provider server further  
3 causes the processing unit to access a remote plug-in at the service provider server.

1 39. (Withdrawn) The article of manufacture of claim 37 wherein causing the  
2 processing unit to authenticate the boot server at a service provider server further causes  
3 the processing unit to execute management services at the computer system.